

Application/Control Number: 10/064,478  
Title: AVS Liquid Feed Terminal  
Art Unit: 1724

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Applicant: POWELL, ET AL.  
Attorney Docket No. 02-RIC-02

**AMENDMENT TO THE CLAIMS  
CLEAN VERSION OF AMENDED CLAIM 1**

Cancel the original version of the claim. 1 and replace it with the following:

1. (amended) A device in a waste vitrification system for reducing the liquid content of a liquid and solid slurry, comprising:

(a) a dual-walled vertical tube wherein said dual wall is non-porous at the top of the vertical tube and porous at the bottom of the vertical tube;

(b) an endplate connected to the bottom of the vertical tube wherein such endplate has perforations; and,

(c) means for receiving or collecting slurry flowing from the endplate such that such slurry remains separate from a liquid passing through the porous segment of the dual-walled vertical tube.

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**CLAIM VERSION WITH MARKINGS TO SHOW CHANGES MADE**

1. (amended) A device in a waste vitrification system for reducing the liquid content of a liquid and solid slurry, comprising:

(a) a dual-walled vertical tube wherein said dual wall is non-porous at the top of the vertical tube and porous at the bottom of the vertical tube;

(b) an endplate connected to the bottom of the vertical tube wherein such endplate has perforations; and,

(c) means for receiving or collecting slurry flowing from the endplate such that such slurry remains separate from a liquid passing through the porous segment of the dual-walled vertical tube.